

DESCRIPTION

Under this item, the CONTRACTOR shall furnish and install plastic type pavement markings on existing asphalt pavement as shown on the plans, or as directed by the ENGINEER.

MATERIALS

The marking material shall be a preformed pavement marking tape, retro-reflective with pressure sensitive adhesive, STAMARK Brand, Series 380 IES, as manufactured by Minnesota Mining and Material Corporation (3M), St. Paul, Minnesota, or ENGINEER - approved equal. Thickness shall be 1.50 mm.

CONSTRUCTION DETAILS

The pavement marking material shall be installed at the locations shown on the plans. Markings shall be provided in the dimensions shown on the plans. The CONTRACTOR is responsible for coordination with the Department of Transportation (Monroe County) for supervision and approval of placement, layout and installation of the pavement markings.

The marking material shall be installed on the existing asphalt wearing surface by the overlay method as recommended by the manufacturer. Appropriate primer shall be applied to the asphalt surface prior to tape application.

The minimum temperatures for application are 16 degrees C for air and 21 degrees C for roadway surface, with both temperatures rising. The markings should be applied during a season when daytime temperatures are above 21 degrees C and nighttime lows are above 10 degrees C.

The pavement surface must be clean and dry. All contaminants, such as dirt and water must be removed prior to the marking operation. Markings shall not be applied over other markings. Primer must have proper tack prior to tape application.

All markings must be thoroughly tamped using a roller with a minimum 90kg load. The marked area should be opened to traffic as soon as possible.

The CONTRACTOR shall cut the marking material to the desired length, remove the backing paper if applicable and secure it at intervals to hold it in place prior to rolling.

METHOD OF MEASUREMENT

Pavement striping shall be measured in meters along the centerline of the pavement stripe. No payment shall be made for the number of meters of skips within a dashed line.

Letters and arrows will be counted for payment based on the number of each furnished and placed in accordance with the plans or as directed by the ENGINEER.

BASIS OF PAYMENT

Unit prices shall include the cost of layout, furnishing and placing the marking material including all labor, material, and equipment necessary to complete the work to the satisfaction of the ENGINEER.

Payment will be made under:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
686.2010001M	Overlaid Plastic Pavement Markings 100mm White	M
686.2010002M	Overlaid Plastic Pavement Markings 100mm Yellow	M
686.2015001M	Overlaid Plastic Pavement Markings 150mm White	M
686.2015002M	Overlaid Plastic Pavement Markings 150mm Yellow	M
686.2030001M	Overlaid Plastic Pavement Markings 300mm White	M
686.2030002M	Overlaid Plastic Pavement Markings 300mm Yellow	M
686.2040001M	Overlaid Plastic Pavement Markings 400mm White	M
686.2045001M	Overlaid Plastic Pavement Markings 450mm White	M
686.2060001M	Overlaid Plastic Pavement Markings 600mm White	M
686.2060002M	Overlaid Plastic Pavement Markings 600mm Yellow	M
686.209800M	Overlaid Plastic Pavement Markings - White Letters	EA
686.209900M	Overlaid Plastic Pavement Markings - White Arrow	EA